

# Workshop on 3.9GHz deflecting mode cavity simulation

8-9 May 2006

## *Agenda*

Times are intended to include discussion. The rooms have Video Conferencing available from 8:30AM-12:00PM CDT in the morning, and from 1:00-5:00PM in the afternoons. Dial-in instructions follow.

### **Monday     Black Hole, Wilson Hall 2NW**

Welcome / Key questions	Leo Bellantoni	9:00AM
Crab cavity progress at the Cockcroft Institute	Graeme Burt	9:10AM
13-cell analysis with MAFIA	Leo Bellantoni	9:55AM
Working coffee break		10:00AM
Deflecting Cavity Studies at LBNL	Derun Li	10:30AM
Deflecting Cavity Studies at SLAC	Andrei Seryi	11:00AM
RF Design of a Deflecting Cavity for Short X-Ray Pulses at the APS	Geoff Waldschmidt	11:40AM

### **Monday     West Wing, Wilson Hall 10NW**

Working group time	1:00-5:00PM
Working coffee break	3:00PM

### **Tuesday     Snake Pit, Wilson Hall 2NE**

Self-consistent time-domain modeling of beam propagation through EM structures	John Cary	9:00AM
Deflecting mode cavities for emittance exchange	Tim Koeth	9:30AM

Coupler design for deflecting mode cavities	Timergali Khabibouline	10:00AM
Working coffee break		10:00AM
Manufacturing constraints for small niobium structures	Mike Foley & Don Mitchell	11:00AM

**Tuesday West Wing, Wilson Hall 10NW**

Working group time	1:00-5:00PM
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The dial up procedure:

We will use the ECS Ad-Hoc net, with number 854 5222 at 384kps IP.

Daresbury will dial with three leading zeros, i.e. 0008545222

Fermilab dials 8545222 at 384kps IP. SLAC, ANL, LBL I think dial the same(?)

Cornell, or others without the video equipment, may dial in by phone by dialing 1-510-883-7860 and, at the prompt, enter 8545222 followed by the # sign.